

461315119452400 JD 55.1 AT BETTINSON ROAD, NEAR PROSSER, WA

WATER-QUALITY RECORDS

LOCATION.--Lat 46°13'15", long 119°45'24", in NW¹/₄ SE¹/₄, sec.36, T.09 N., R.24 E., Benton County, Hydrologic Unit 17030003, downstream of Interstate 82 crossing, 1 mi north of Prosser.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--July to August 2003 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 degrees NTU (63675)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfiltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat flt incr. titr., field, mg/L (00453)	Carbonate, wat flt incr. titr., field, mg/L (00452)
JUL 09...	1700	--	--	747	10.1	119	8.6	352	31.3	22.4	--	--	--
AUG 21...	1100	2.7	2.2	745	9.6	107	8.1	256	30.3	19.9	110	132	.0
26...	1630	--	--	--	--	--	--	--	--	--	--	--	--
26...	1650	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ammonia + org-N, water, unfiltrd fltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00665)	Total nitrogen, water, unfiltrd mg/L (00600)	Total carbon, suspnd sediment total, mg/L (00694)	Inorganic carbon, suspnd sediment total, mg/L (00688)	Organic carbon, suspnd sediment total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m ² (49954)
JUL 09...	.45	<.04	1.47	.018	--	.07	.109	1.9	--	--	--	--	--
AUG 21...	.34	<.04	.85	<.008	.05	<.18	.066	1.2	.3	<.1	.3	2.4	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	9.6
26...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Biomass periphyton, ashfree dry wt, DTH, g/m ² (63766)	Biomass periphyton, ash weight, DTH, g/m ² (63765)	Periphyton biomass	Biomass periphyton, dry weight, DTH, g/m ² (63767)	Periphyton biomass	Chlorophyll a periphyton, DTH, CF meth mg/m ² (63763)	Phaeophytin a periphyton, DTH, CF meth mg/m ² (63764)	Phaeophytin a, periphyton, mg/m ² (62359)	Phaeophytin a, phytoplankton, ug/L (62360)	Chlorophyll a periphyton, chromo-fluoro, mg/m ² (70957)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
JUL 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	1.0	4	.03
26...	--	--	240	--	251.8	--	--	5.6	--	23.8	--	--	--
26...	143	1,890	--	2,040	--	26.8	30.4	--	--	--	--	--	--